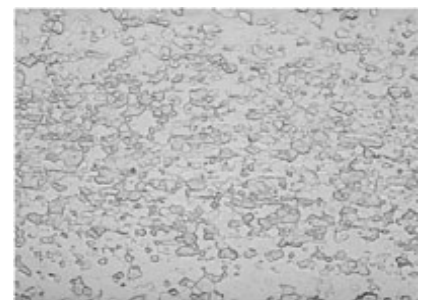
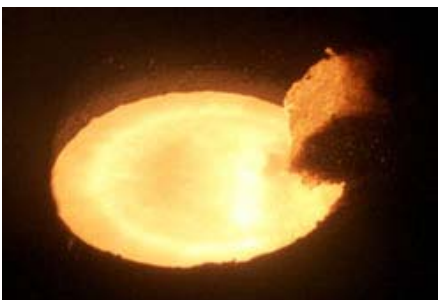


HT 1600

A new developed alloy for Metal-powder-chip-capacitor applications.

Heraeus offers a temperature - stabilized Nb-alloy, which is especially designed for the use as connecting wire for metal-powder chip capacitors. That alloy is usable for sintering temperatures up to 1800°C.



Main Features

Delivery Form:

- wire diameter 0,19 – 1,00 mm hard drawn or tempered (others on request)

Applications:

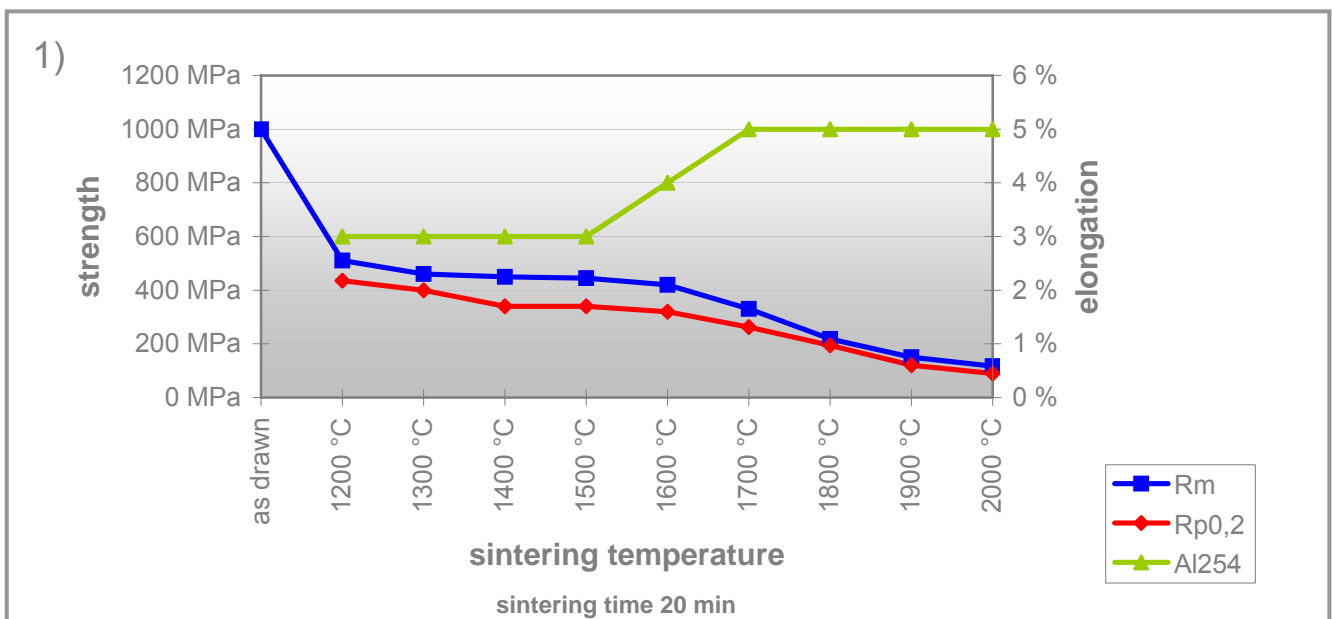
- connecting wire for metal powder chip capacitors

Electrical Properties:

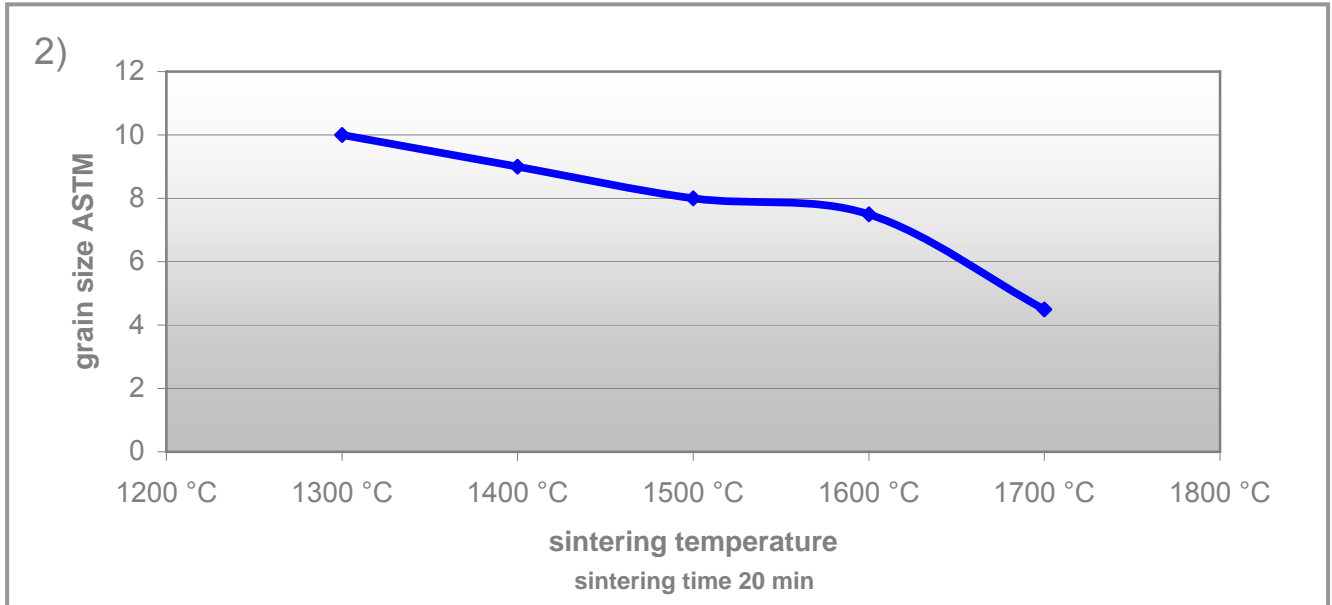
- electrical resistance: 0,16 $\Omega \times \text{mm}^2 / \text{m}$
 - Leakage current: < 0,50 $\mu\text{A} / \text{cm}^2$

Mechanical Properties:

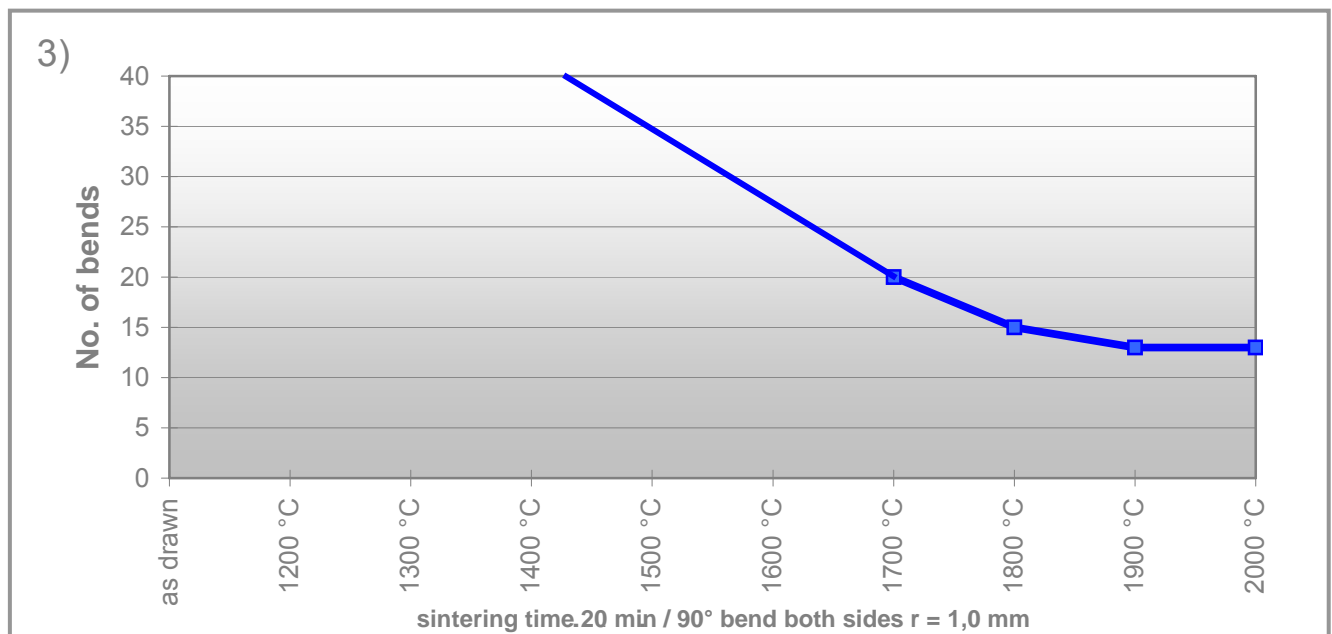
- see graph 1 - 3



Grain Size:



Number of Bends:



W. C. Heraeus GmbH

Engineered Materials Division
Business Unit
Special Metals Technology
Heraeusstr. 12 - 14
63450 Hanau, Germany
E-mail: www.wc-heraeus.com

Contact Persons:

Sales: Jörg Schielke
Phone +49 (0) 61 81 / 35-5051
E-mail: joerg.schielke@heraeus.com

Applications: Bernd Spaniol
Phone +49 (0) 61 81 / 35-5637
E-mail: bernd.spaniol@heraeus.com